

1/11

OSI LAYERS

7	APPLICATION
6	PRESENTATION
5	SESSION
4	TRANSPORT
3	NETWORK
2	DATA LINK
1	PHYSICAL

FIG. 1
(PRIOR ART)

IP ADDRESS, 10

NETWORK	HOST
12	14

FIG. 2
(PRIOR ART)

ADDRESS, 40, PREFIX LENGTH, 42, INTERFACE, 44

30~	1.0.0.0	8	C
32~	1.2.3.0	24	B
34~	1.2.4.0	24	A
36~	1.2.0.0	16	A

FIG. 4A
(PRIOR ART)

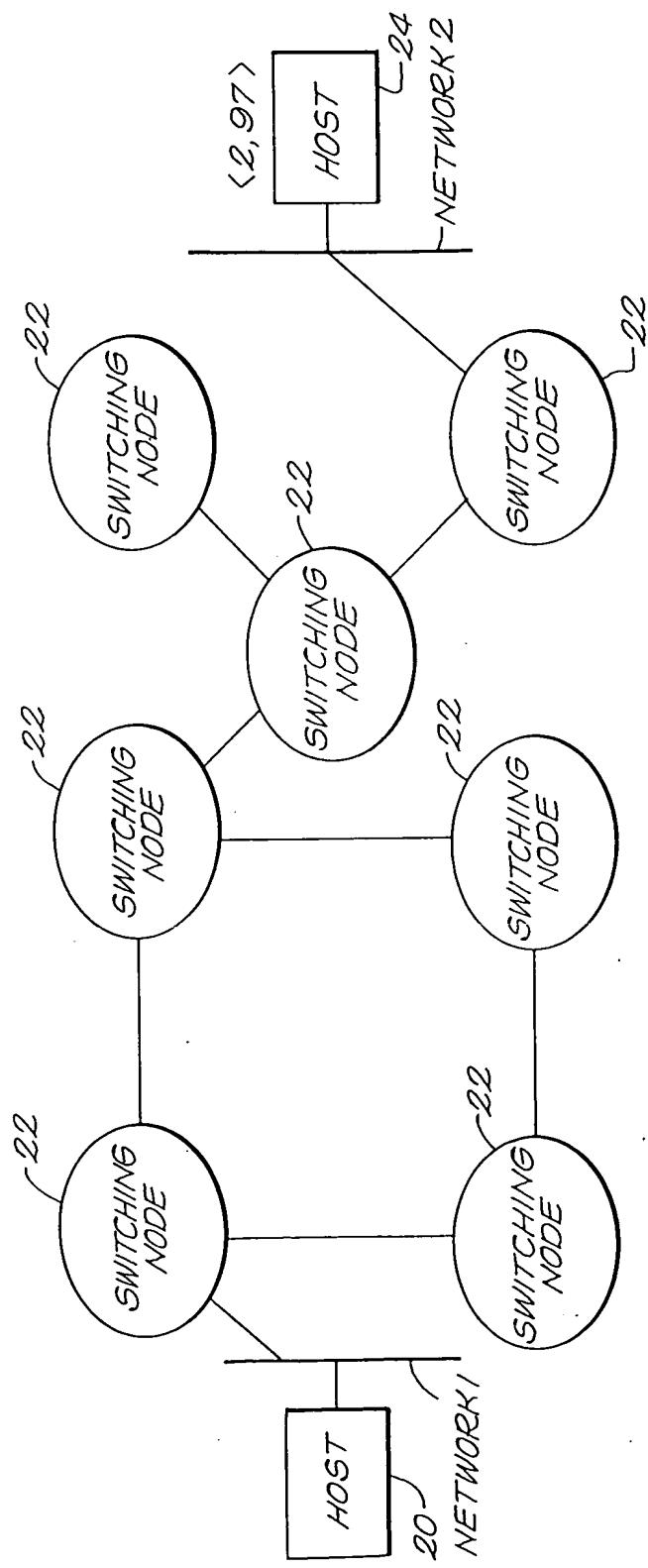


FIG. 3
(PRIOR ART)

3/11

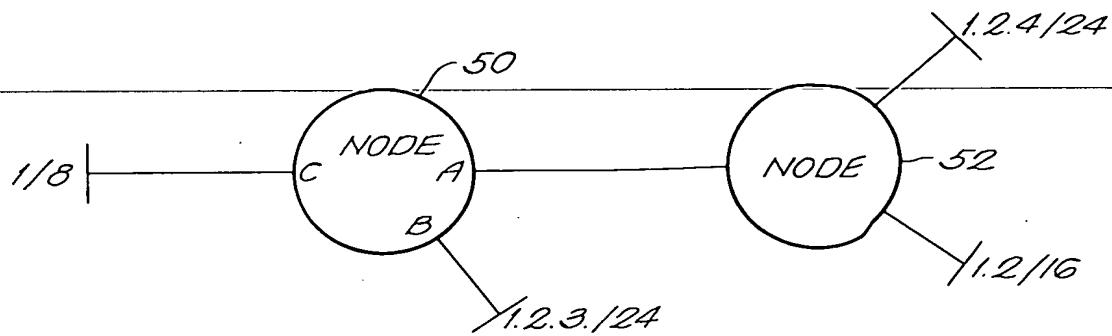


FIG. 4B
(PRIOR ART)

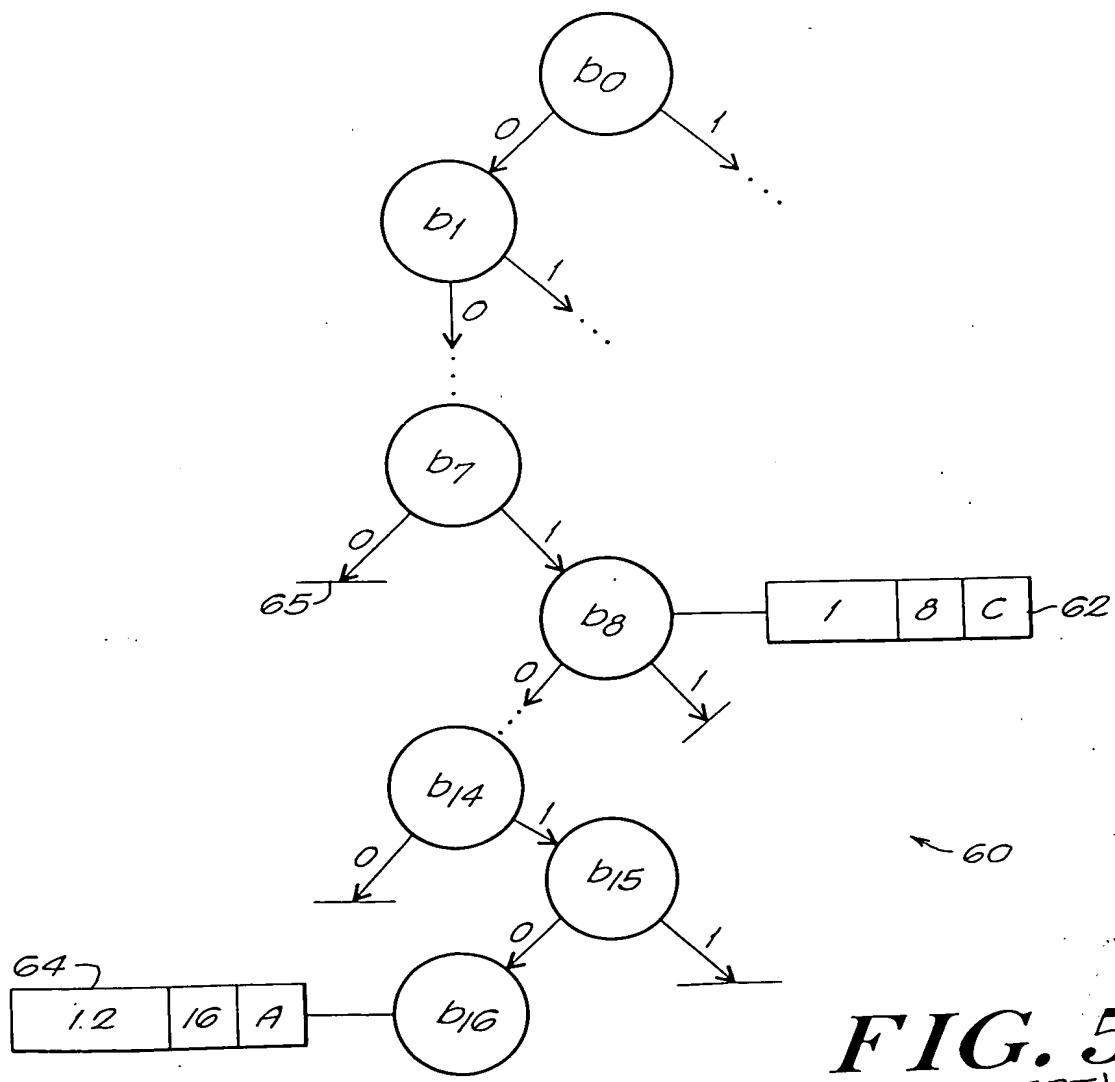


FIG. 5
(PRIOR ART)

4/11

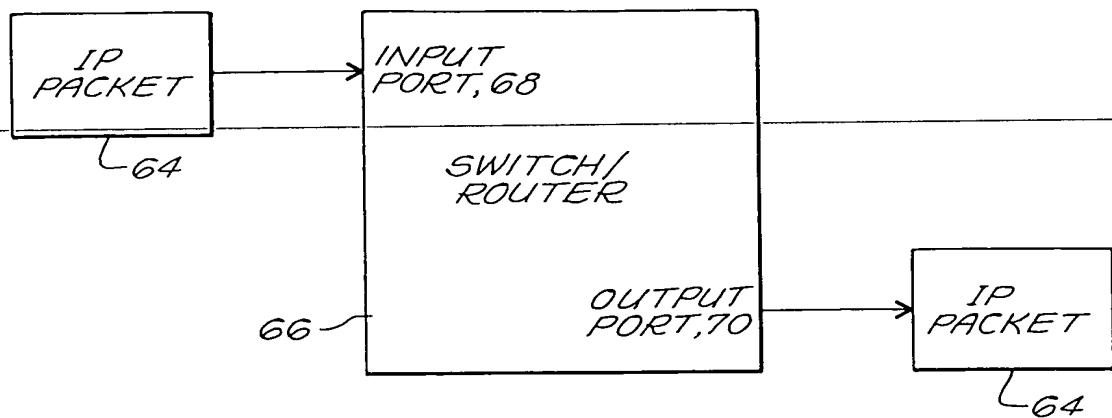


FIG. 6

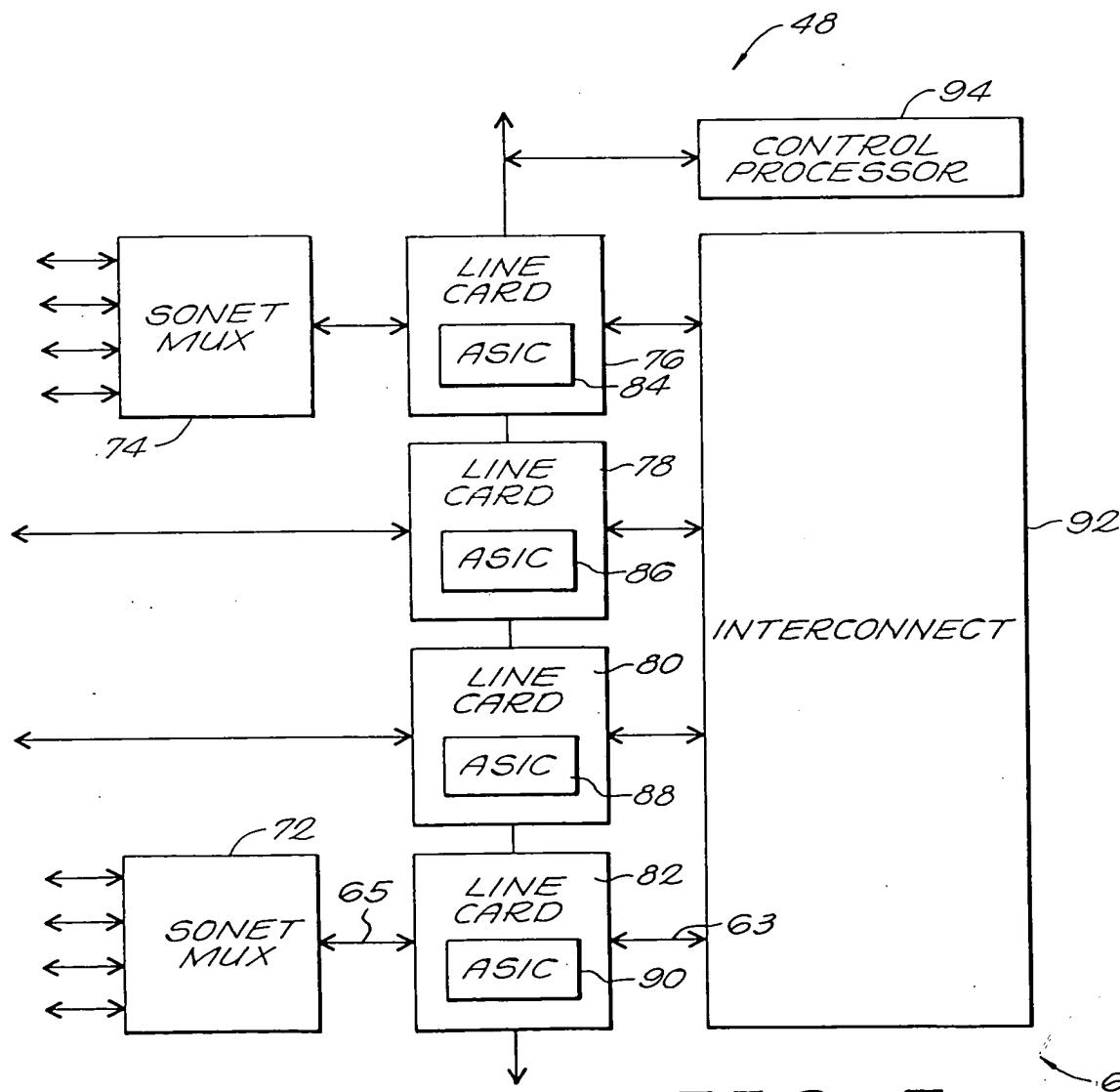


FIG. 7

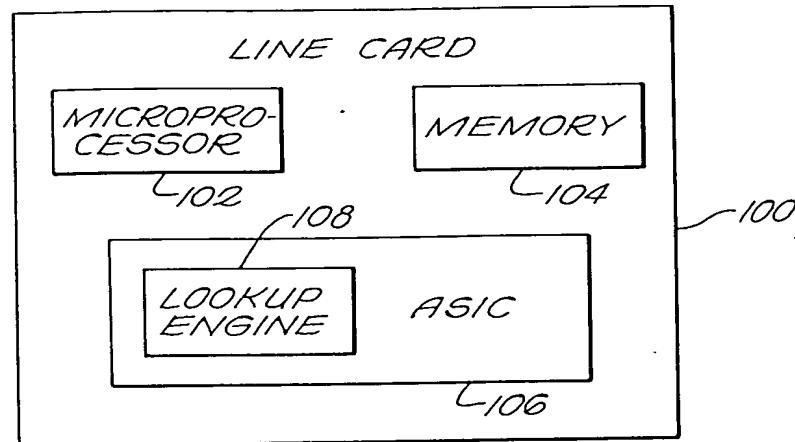


FIG. 8

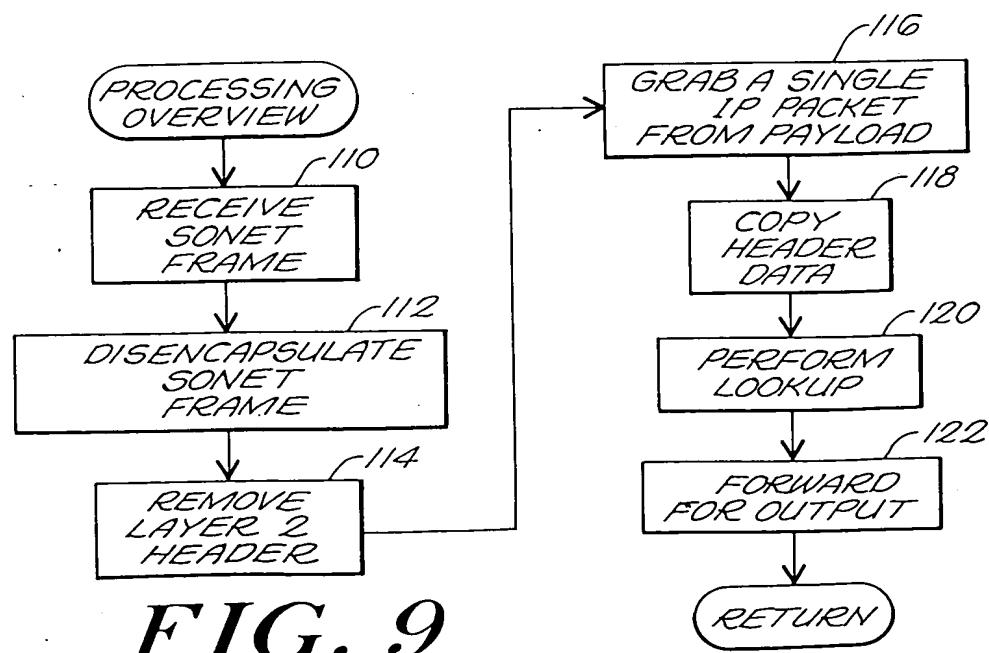


FIG. 9

6/11

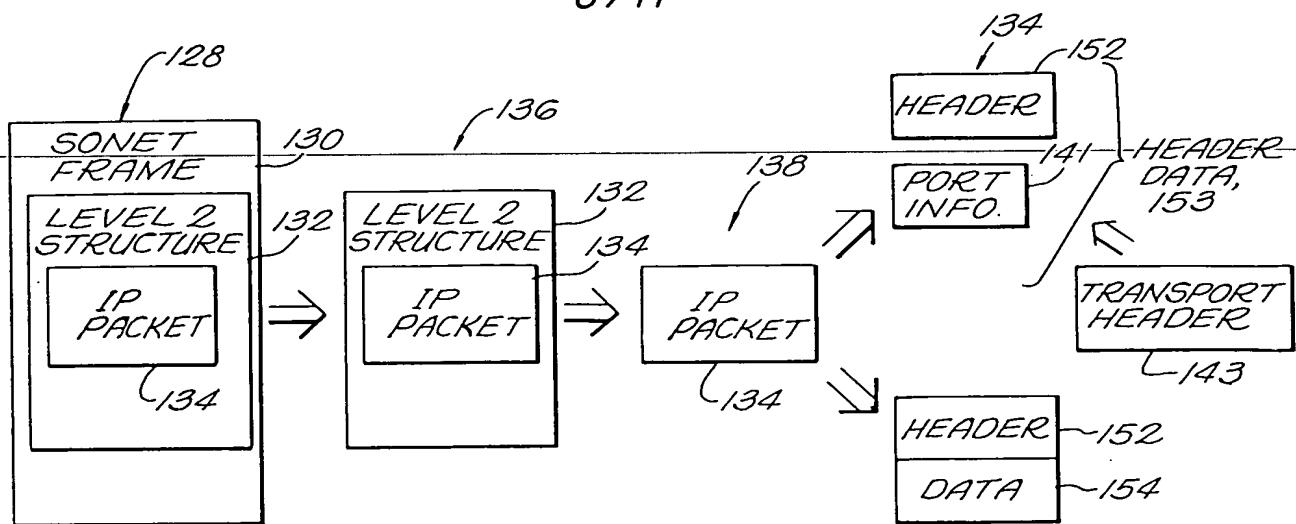


FIG. 10

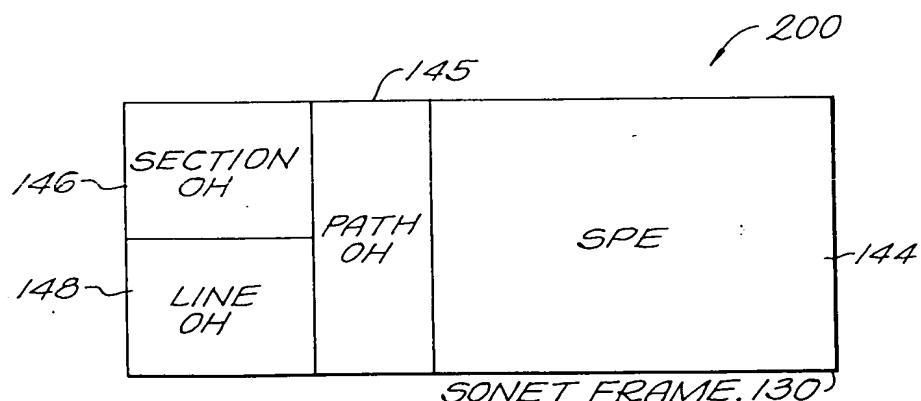


FIG. 11

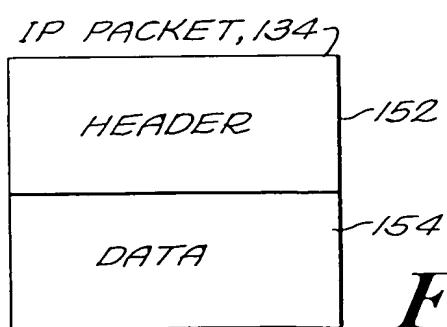


FIG. 12

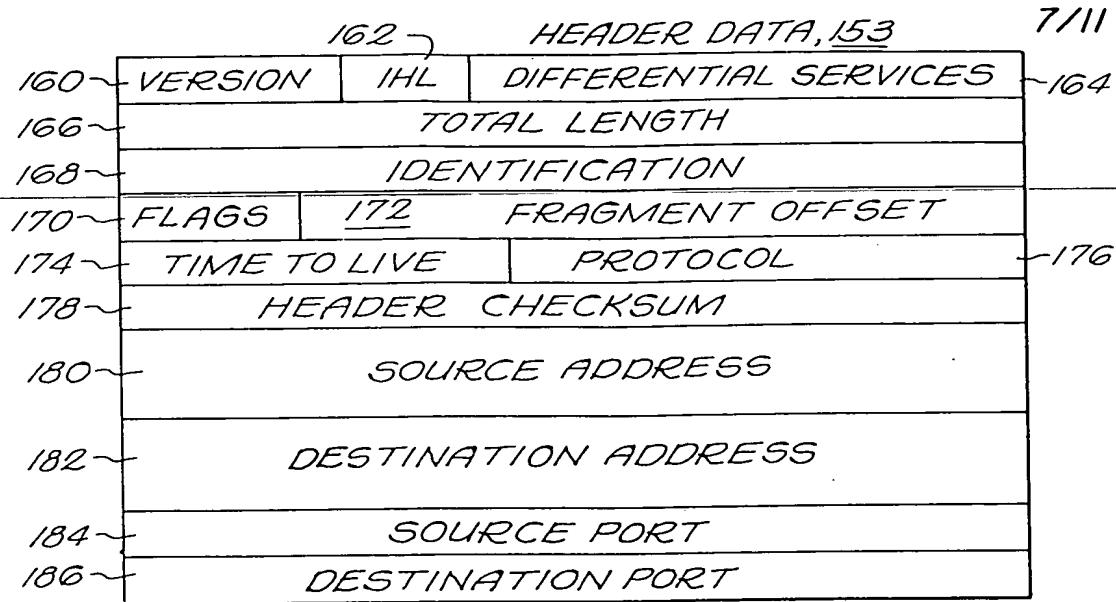


FIG. 13

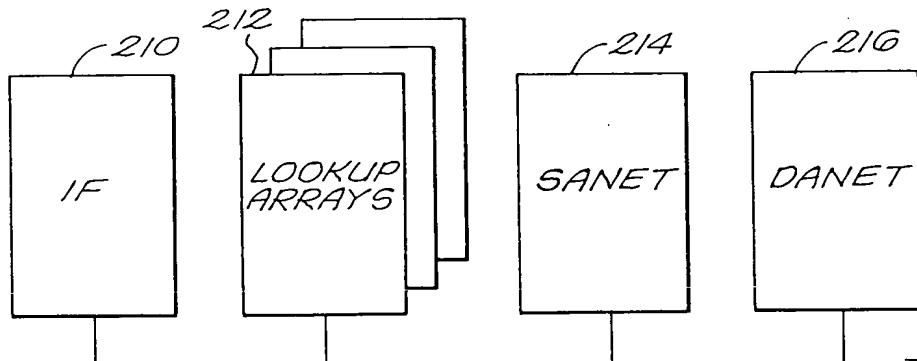


FIG. 14

INTERFACE STRUCTURE, 210

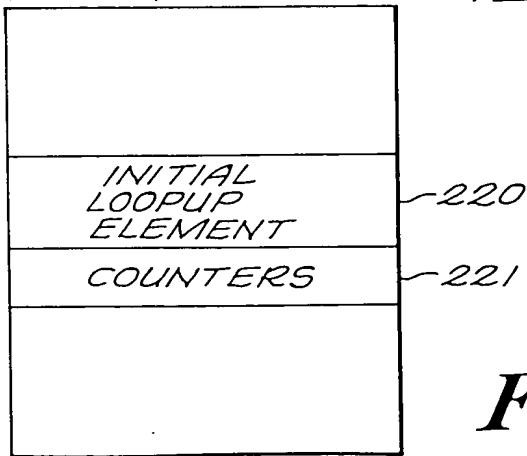


FIG. 15

8/11

DANET STRUCTURE, 222

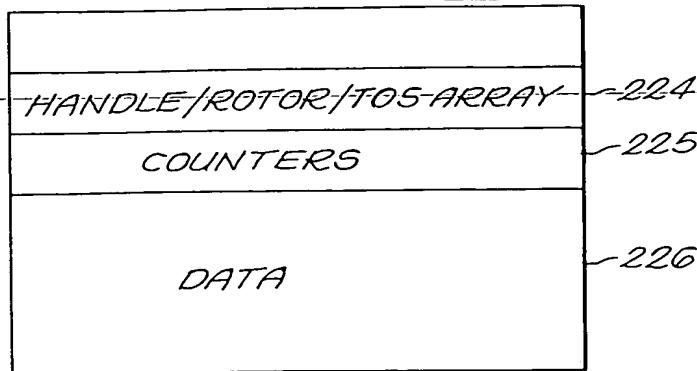
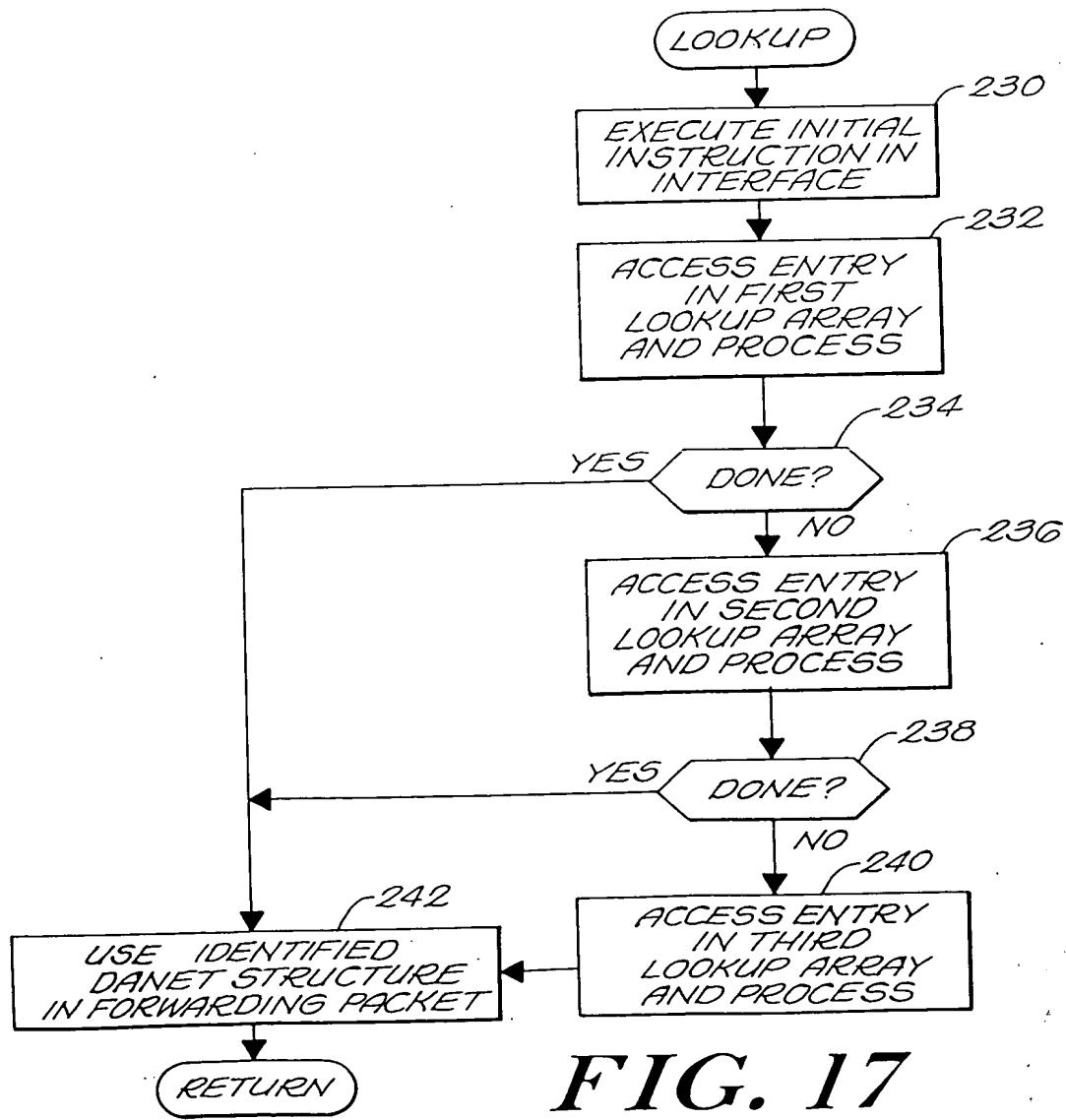


FIG. 16



9/11

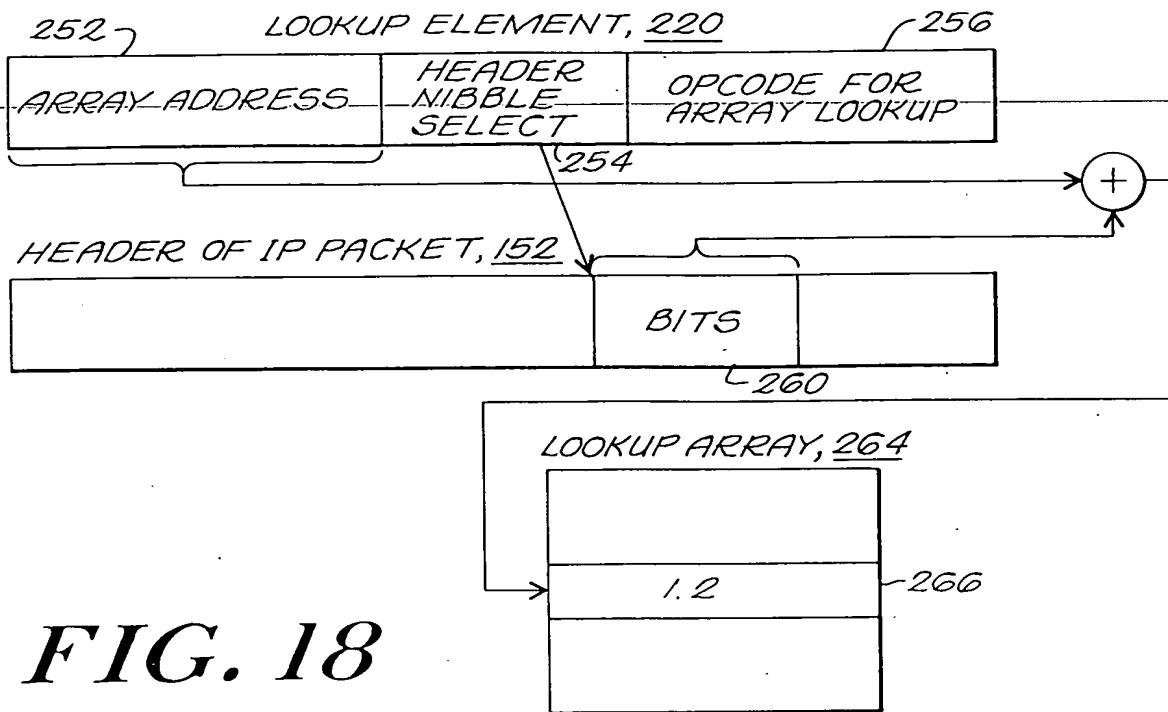


FIG. 18

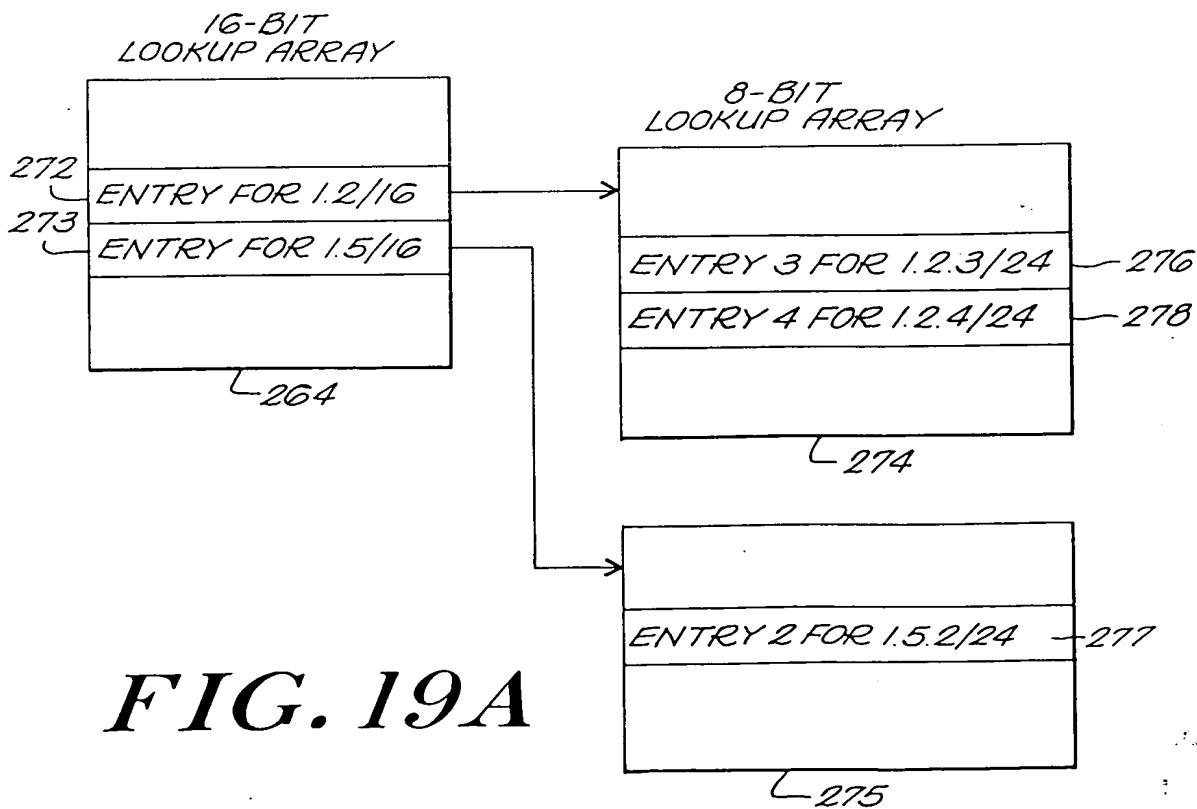


FIG. 19A

10/11

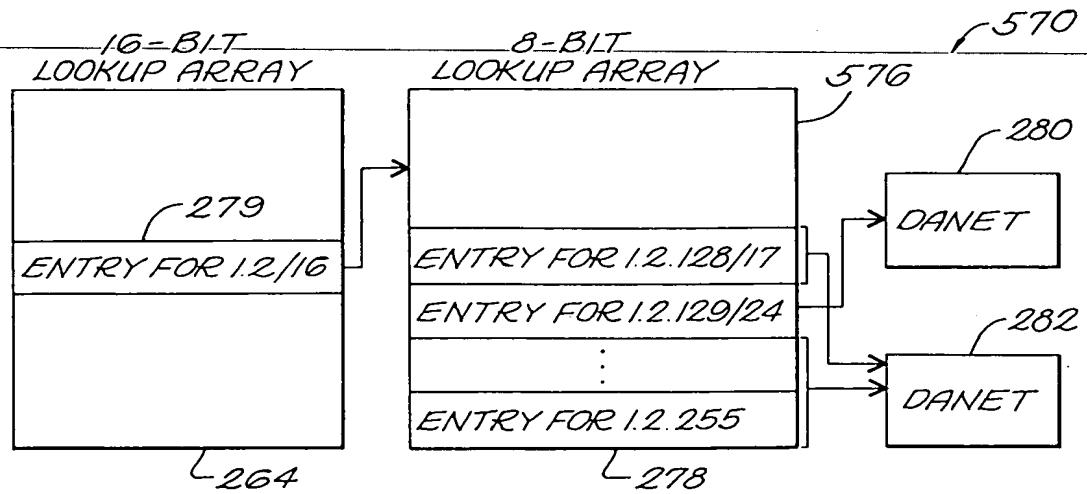


FIG. 19B

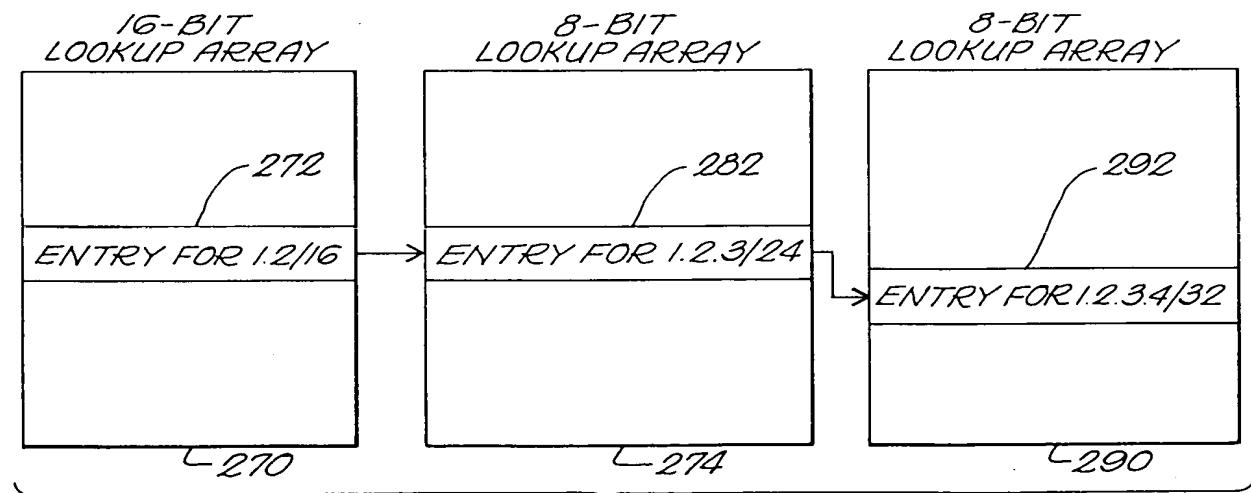


FIG. 19C

LOOKUP ELEMENT, 300

ARRAY ADDRESS	HEADER NIBBLE SELECT	OPCODE
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FIG. 20

11/11

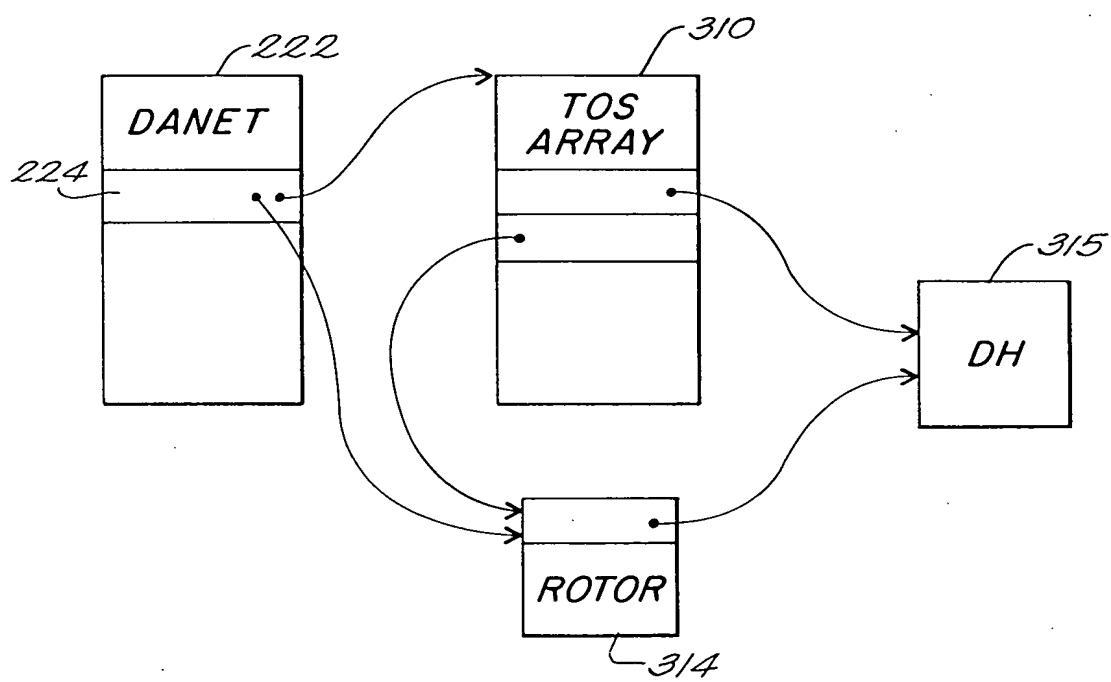


FIG. 21